

BHARGAV LAKKUR KUSHA KUMAR

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AVAILABLE: August 2016

EDUCATION

Sacred Heart University, Fairfield, CT

April 2016

Catholic College

GPA: 3.99/4.0

Master of Science in Computer Science – Information Technology

Related Courses: Advanced Database Design (Oracle SQL), Intro to programming using scripting (Python), Intro to Object Oriented Programming (Java), Data Structures and Algorithms (C++), Advanced Computer Gaming (C#), Digital Forensics (FTK Imager), Flash Animation, Web Design using JavaScript, and Networking Apps

Govt. SKSJTI, Vishveshwaraya Technological University, Bangalore, India

June 2013

Bachelor of Engineering in Electronics and Communication

GPA: 3.05/4.0

Related Courses: C++ Programming, Analog Communications, Digital Communications, Power Electronics, FPGA, VLSI, and Digital Signal Processing

TECHNICAL KNOWLEDGE

Programming: C, C++, C#, Objective C, Java, VB.Net, asp.NET MVC, Python, Spring Framework, Spring Boot, JPA, Hibernate and Assembly Language

Scripting: ActionScript, and Shell Scripting

Web Design: HTML, HTML5, CSS, JavaScript, JQuery, Bootstrap, AJAX, JDBC, JSON, XML, PHP, JSP, Servlets, AngularJS, Freemarker, Thymeleaf, Tomcat, Spark, Maven, and REST Web Services

Packages: Adobe Flash, Linux (Terminal), XCode, Android Studio, Eclipse, NetBeans, IntelliJ, Visual Studio, LabView, FTK Imager, Unity, and WinHex

Databases: MySQL, Microsoft SQL Server, Oracle SQL, and MongoDB (No SQL DB)

Certifications: Bootstrap - Coursera (February 2016), and Python – Edx (March 2016)

WORK EXPERIENCE

Software Developer | A N D Technologies Pvt. Ltd.

July 2013 - November 2014

Worked as an application developer:

- Developed applications for A N D Tech using Java and maintain the existing applications.
- Part of a team, developing web application using JSP and Servlets.
- Application testing for bugs and logic errors.
- Worked on “Faster Detection of Cardiac Arrhythmia for Remote Patients” for INTEL Corp.

Top Academic and Hobby Projects

Instant Messaging Application (Babble on – www.babbleon-now.com)

April 2016

- Unique emotional intelligence, which gives affirmative meaning to each message using colors.
- Doodles (hand written content), File Sharing (different formats and sizes), and multiplatform among other features.
- Website (PHP) for stats, registration and application downloads. Administration controls for admin.

Weather Application (Pebble Smartwatch)

January 2016

- Reduces the time to check the weather by 75%, by giving comprehensive data about the location.
- Application is straight forward, at the same time predicting weather for next 30 hours.

To-Do List Website (www.thetodolists.com)

November 2015

- Dynamic Java web application to create and manage categories and checklists (tasks in it) itself.
- Flash for heading, JS for validation, Bootstrap and AngularJS for front end and MySQL for DB.

Home Automation (IoT – <http://32.208.103.211:9898/>)

October 2015

- Convenient way to control the lights at home using spring boot and raspberry pi.
- Securely control lights at your place from anywhere in the world in less than 30 seconds.

Intruder Detection and Reporting System

September 2013

- Using Raspberry Pi, PIR sensor, Python, and Pi camera, I created a simple application for securing my home, when I was away.
- Once the sensor detected motion, it takes a snap and emails that to me.